

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6746	((385/14) or (385/49)).CCLS.	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L2	2949	g02b006/30	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L3	765	(bidirectional or bi-directional) and (wdm or ((film or dielectric) near3 filter)).ti,ab.	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L4	497	(bidirectional or bi-directional) near5 module.ti,ab.	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L5	9849	L1 or L2 or L3 or L4	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L6	149838	(back or bottom or under or lower) near5 (surface or side) near5 (substrate or wafer or chip)	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L7	972	L6 with (pd or photodiode or photodetector or (photo adj (diode or detector)))	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L8	53	L5 and L7	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L9	110923	(substrate or wafer or chip) near3 (transparent or transmissive)	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L10	497	L5 and L9	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L11	28	L10 and (filter with (groove or trench))	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34

L12	79	L8 or L11	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L13	89890	(rear or opposite) near5 (surface or side) near5 (substrate or wafer or chip)	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L14	669	L13 with (pd or photodiode or photodetector or (photo adj (diode or detector)))	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L15	30	L14 and L5	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L16	12554	((bidirectional or bi- directional or demultiplexing or multiplexing) and (optic or optical or light or module)). ti,ab.	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L17	75	L16 and (filter with (groove or trench))	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L18	1469	(pd or photodiode or photodetector or (photo adj (diode or detector))) with (through near5 substrate)	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L19	22	L18 and L16	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L20	25	L18 and (filter with (groove or trench))	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L21	4199	(385/24).OCLS.	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L22	1003	L16 and (L1 or L21 or L2)	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34

L23	13950	(pd or photodiode or photodetector or (photo adj (diode or detector))) near10 filter	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L24	70	L22 and L23	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L25	57	(pd or photodiode or photodetector or (photo adj (diode or detector))) with (ld or (laser near diode) or emitter) with opposite with substrate	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L26	54	(L3 or L4) and (L1 or L2)	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L27	225	(pd or photodiode or photodetector or (photo adj (diode or detector))) same (filter with (groove or trench or slot))	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L28	121	L7 with (reflect\$3 or deflect\$3)	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L29	6388	(transmission or transmitting) near5 (reception or receiving) near5 (optic or optical or module or waveguide).ti, ab.	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L30	7520	L3 or L4 or L29	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L31	50	L30 and (pd or photodiode or photodetector or (photo adj (diode or detector))) and (filter with (groove or trench or slot))	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L32	102	L30 and (L9 or L14 or L7)	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34
L33	703	L12 or L15 or L17 or L19 or L20 or L24 or L25 or L26 or L27 or L28 or L31 or L32	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:34

L34	34	33 and @pd> "20080130"	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/18 17:35
L35	2	( substrate and (laser adj diode) and (photodiode or (photo adj diode)) and groove and lens and ((dielectric or interference or thin) adj2 filter) and reflect\$3 and (wavelength or wavelengths) ).clm.	US- PGPUB	OR	OFF	2008/09/18 17:46

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